



## N THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Adityo Prakash, et al.

Serial No. 10/032,394

Filed:

December 19, 2001

Title: **ADAPTIVE TRANSFORMS** 

Examiner: not yet known

Art Unit:

2613

Atty. Dkt. No.: 10006.00610

Commissioner of Patents Washington, DC 20231

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**Technology Center 2600** 

## INFORMATION DISCLOSURE STATEMENT

Under 37 C.F.R. §1.56 and §§1.97-98

Sir:

Pursuant to the provisions of 37 CFR 1.56 and §§1.97-98, enclosed herewith is form PTO/SB/08 (substitute for form 1449A/PTO) listing references which may be material to the examination of this application, and with respect to which there may be a duty to disclose. The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

A copy of each listed reference is enclosed herewith, unless no such copy is required pursuant to 37 CFR § 1.98(d).

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior  $\Box$ application Serial No. [SERIAL NUMBER], filed on [FILING DATE], and the references cited therein are hereby listed but are not required to be provided in this application under 37 CFR § 1.98(d).

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re Adityo Prakash, et al. U.S. Application No.: 10/032,394 Pursuant to 37 CFR §1.97, this Information Disclosure Statement is being submitted under the section indicated below.

□ no item of information contained in this Information Disclosure  Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56 (c) more than three months prior to the filing of this Statement.  OR □ Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p). □ 37 CFR § 1.97(d). If so, then both: □ Applicant certifies pursuant to 37 CFR § 1.97(e) that either: □ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more that three months prior to the filing of this Statement; OR □ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable	$\boxtimes$	37 CF	R §1.97(b).
Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p).  37 CFR § 1.97(d). If so, then both: Applicant certifies pursuant to 37 CFR § 1.97(e) that either: each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more that three months prior to the filing of this Statement; OR no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement.  AND Applicant submits the petition fee of \$180 as set forth in 37 CFR §		37 CF. □	Applicant certifies pursuant to 37 CFR § 1.97(e) that either:  each item of information contained in this Information  Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR  no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56 (c) more than three months prior to the filing of this Statement.
Applicant certifies pursuant to 37 CFR § 1.97(e) that either:  each item of information contained in this Information  Disclosure Statement was cited in a communication from a  foreign patent office in a counterpart foreign application not  more that three months prior to the filing of this Statement; OR  no item of information contained in this Information Disclosure  Statement was cited in a communication from a foreign patent  office in a counterpart foreign application or, to the knowledge  of the person signing this certification after making reasonable  inquiry, was known to any individual designated under 37 CFR  § 1.56(c) more than three months prior to the filing of this  Statement.  AND  Applicant submits the petition fee of \$180 as set forth in 37 CFR §			Applicant submits the petition fee of \$180 as set forth in 37 CFR §
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			Applicant submits the petition fee of \$180 as set forth in 37 CFR §

Consideration of the listed references and favorable action are respectfully solicited.

Respectfully submitted, Adityo Prakash, et al.

Dated: August 2, 2002

Attorney For Applicant(s)

Reg. No. 40,110

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Signature:	J- K. Oa		
Typed or Printed Name:	James K. Okamoto	Dated:	August 2, 2002
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of

Complete if Known				
Application Number	10/032,394			
Filing Date	December 19, 2001			
First Named Inventor	Adityo Prakash			
Group Art Unit	2613			
Examiner Name	not yet known			
Attorney Docket Number	10006.000610			

U.S. PATENT DOCUMENTS							
Cite	Cite Kind Cox		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
	(if knov	vn)		MM-DD-YYYY	Figures Appear		
0	5790269		Masaki, et al.	August 4, 1998			
Р	5881183		Lee	March 9, 1999			
Q	6128041		Han, et al.	October 3, 2000			
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		Cite No.¹         Number         Kind C (if known)           O         5790269           P         5881183	(if known) O 5790269 P 5881183	U.S. Patent Document           No.¹         Kind Code² (if known)         Name of Patentee or Applicant of Cited Document           O         5790269         Masaki, et al.           P         5881183         Lee	U.S. Patent Document   Number   Kind Code <sup>2</sup> (if known)   Name of Patentee or Applicant of Cited Document   MM-DD-YYYY		

			FC	REIGN	PATENT DOCUME	NTS		
Examiner Initials*	Cite No. <sup>1</sup>	Fo Office <sup>3</sup>	reign Patent Docume	gn Patent Document		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
	R	wo	98/21893	A1	Philips Electronics	22 May 1998		
	S	EP	0 734166 A2	A2	Daewoo Electronics	25 Sept. 1996		
	Т	EP	0 892 364	A2	Oki Electric Industry,Co.	20 Jan. 1999		
	U	EP	1 021 043	A2	Hyundai Electornics Industries, Co.	19 July 2000		

Examiner	Date	
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark hee if English language Translation is attached.



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Substitute f	for form 1449A/	РТО		Complete if Known		
				Application Number	10/032,394	
			LOSURE	Filing Date	December 19, 2001	
STATEMENT BY APPLICANT				First Named Inventor	Adityo Prakash	
•			•	Group Art Unit	2613	
(	use as many	sheets as n	ecessary)	Examiner Name	not yet known	
Sheet	2	of	2	Attorney Docket Number	10006.000610	

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	V	FARUK M.O. ERYURTLU, et al. "Very Low Bit-Rate Segmentation-based Video Coding"; pgs. 151-154, XP-000964709; University of Surrey, Guildford, United Kingdom.	
	w	YURAO FENG, et al."Adaptive Object Tracking and Video Compression with Dynamic Contours"; total pgs:.11; XP-002112425; Fifteenth National Radio Science Conference February 24-26, 1998, Helwan, Cairo, Egypt.	
	х	JONG-LAK KIM, et al.,"Daewoo Proposal For Object Scalability"; pgs. 1-9; XP-000994686; International Organization For Standardization Organization Interanationale De Normalizsation ISO/IEC JTC1/SC29/WG11 Coding Of Moving Pictures And Associated Audio; January 1993, Munich, Germany.	
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/21 (08-00) Please ype a plus sign (+) inside this box -> + Reproved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE he Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/032,394 TRANSMITTAL **Filing Date** December 19, 2001 **FORM First Named Inventor** Adityo Prakash (to be used for all correspondence after initial filing) **Group Art Unit** 2613 **Examiner Name** not yet known 6 \*\* Total Number of Pages in This Submission **Attorney Docket Number** 10006.000610 ENCLOSURES (check all that apply) ☐ After Allowance Communication to Assignment Papers Fee Transmittal Form (for an Application) Appeal Communication to Board of ☐ Drawing(s) ☐ Fee Attached Appeals and Interferences Appeal Communication to Group Amendment / Response Licensing-related Papers (Appeal Notice, Brief, Reply Brief) ☐ After Final ☐ Petition Transmittal Form Petition to Convert to a Information Disclosure Statement ☐ Affidavits/declaration(s) **Provisional Application** Power of Attorney, Revocation Other Enclosure(s) Extension of Time Request Change of Correspondence Address (please identify below): Form PTO/SB/08; ☐ Terminal Disclaimer ☐ Express Abandonment Request **Copies of Listed References:** Request for Refund (O-X documents); Return receipt postcard CD, Number of CD(s) ☐ Certified Copy of Priority RECEIVED Remarks Document(s) \*\* does not include pages for listed references Response to Missing Parts/ AUG 0 9 2002 Incomplete Application Response to Missing Technology Center 260D Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm James K. Okamoto, Reg. No. 40,110 DEGUZMAN OKAMOTO & BENEDICTO, LLP. Individual name Signature Date August 2, 2002 **CERTIFICATE OF MAILING** I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: August 2, 2002 Typed or printed name James K. Okamoto

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Signature

Date

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